SUBMINIATURE DOUBLE TRIODE

ECC70

Subminiature medium- μ double triode intended for use at v.h.f.

HEATER

 I_h

6.3 300

mA

MOUNTING POSITION

Any

Note - Direct soldered connections to the leads of this valve must be at least 5mm from the seal and any bending of the leads must be at least 1.5mm from the seal.

COOLING

In operation this valve may become very hot and to obtain satisfactory life it should be adequately cooled. A suitable method is to mount the valve in a metal clip which conducts the heat away to a suitable heat sink.

CAPACITANCES

RINCES	Shielded	Unshielded	
Ca'-a"	< 0.33	< 0.52	рF
c_{a-g} (each section)	1.4	1.6	pF
Cg′ g″	< 0.011	< 0.015	pF
c _{in} (each section)	_	2.4	ρF
Cout'	1.2	0.3	ρF
Cout*	1.3	0.35	pF

CHARACTERISTICS (each section)

V_{a}	100	٧
Vg	-1.0	٧
l _a	6.5	mΑ
g _m	5.4	mA/V
r_a	6.5	kΩ
μ	35	
$V_g (I_a = 10 \mu A)$	-6.5	٧

LIMITING VALUES (absolute ratings) each section

V _{a(b)} max.	330	٧
Va max.	165	٧
p _a max.	1.1	W
la max.	22	mΑ
-V _g max.	55	٧
lg max.	5.5	mΑ
V_{h-k} max.	200	٧

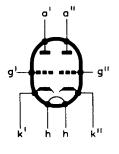


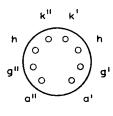
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5262





B8D/F Base

All dimensions in mm

